

MARICOPA COUNTY AIR QUALITY DEPARTMENT

IN THE MATTER OF:

Arizona Solar One, LLC
2929 N Central Ave, 10th Floor
Phoenix, Arizona 85012

Defendant

ORDER OF ABATEMENT

NO. 2015-001

The Control Officer has reasonable cause to believe, and finds that Arizona Solar One, LLC is operating in violation of Maricopa County Air Pollution Control Rules and Regulations as evidenced by Notices of Violation 731138, 731143, 731144, & 733903 issued to Arizona Solar One, LLC on June 19, 2014, July 2, 2014, July 7, 2014, & November 5, 2014.

1. Arizona Solar One, LLC failed to monitor, operate, and maintain the facility's emissions control systems according to the Operations & Maintenance Plan as required by Permit Condition 6.c.

2. Arizona Solar One, LLC failed to take corrective action when the facility's emissions control systems operated outside of the parameters described in the facility's Operations & Maintenance Plan as required by Permit Condition 6.d.

3. Arizona Solar One, LLC failed to log Operations & Maintenance Plan monitoring records for every day the facility's emissions control systems operated as required by Permit Condition 9.d.i.

4. Arizona Solar One, LLC failed to conduct a performance test on the facility's carbon adsorption system by April 10, 2014, as required by Regulation II Rule 270 § 401 and Permit Condition 8.a.i.

5. Arizona Solar One, LLC failed to conduct a performance test on the facility's NO_x scrubber by April 10, 2014, as required by Regulation II Rule 270 § 401 and Permit Condition 8.b.ii.2).

WHEREFORE, pursuant to the authority granted in A.R.S. § 49-511 Arizona Solar One, LLC is ordered:

- A. To take corrective action when the facility's emissions control systems operate outside of the parameters described in the facility's Operations & Maintenance Plan and begin monitoring, operating, and maintaining the facility's emissions control systems according to an updated Operations & Maintenance Plan by no later than February 28, 2015.
- B. To submit a performance test protocol for the facility's carbon adsorption system's VOC destruction efficiency by no later than February 28, 2015. The performance test must be conducted within 60 days of protocol submittal.

- C. To submit a performance test protocol for facility's NO_x scrubber by no later than February 28, 2015. The performance test must be conducted within 60 days of protocol submittal.
- D. To submit a test protocol for testing the emissions from the solar panel ball joints by no later than February 28, 2015. The test shall be conducted within 60 days of protocol submittal.
- E. To update the Non-Minor Permit Revision to include the Biocell process and emissions estimates by no later than February 28, 2015.
- F. To repair reheater Unit 1 by no later than February 28, 2015.
- G. To repair reheater Unit 2 by no later than March 16, 2015.
- H. To repair preheaters by no later than March 30, 2016.
- I. To repair ullage system by no later than September 30, 2015.
- J. To update the Non-Minor Permit Revision to include facility-wide leak detection and repair plan that includes the solar panel ball joints by no later than March 30, 2015.
- K. To submit an Operations and Maintenance Plan for the new cooling system added to the ullage system within 45 days after permit issuance or 45 days after the equipment received exhaust, whichever occurs last.

- L. To update the Non-Minor Permit Revision with the type of cooling system added to the ullage system (dry, wet, or both) by no later than February 28, 2015.

The duration of this Order shall be one year or until the Order is fully complied with, whichever is sooner. This Order is in addition to and shall in no way limit the Control Officer's authority to seek civil penalties for the violations pursuant to A.R.S. § 49-513 or injunctive relief pursuant to A.R.S. § 49-512. Each day the facility listed above operates without complying with Maricopa County Air Pollution Control Regulations is a separate violation, subject to a potential civil penalty of up to \$10,000 per violation per day.

Arizona Solar One, LLC is entitled to a hearing before the Hearing Board regarding this Order if the hearing is requested in writing within 30 days after the date of issuance of the Order.

ORDERED and issued this 20th day of February, 2015.

PHILIP A MCNEELY
CONTROL OFFICER,
MARICOPA COUNTY
AIR QUALITY DEPARTMENT

